Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 17 Dec 2023 until 23:59 on Monday 18 Dec 2023

Forecast Issued on Saturday 16 Dec 2023 at 10:46

Confidence: High confidence for general weather pattern, lower for rainfall detail by Tuesday.

Headline for Sunday 17 Dec 2023: Cloudy and very windy with drizzle for much of the day, heavy rain into the evening.

Mountain weather hazards on Sunday 17 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Dull	Dull	Drizzle	Dull	Heavy Rain	Heavy Rain
Precipitation probability							
40%	40%	30%	30%	40%	30%	60%	60%

Forecast for Sunday 17 Dec 2023

Weather: Low cloud will linger throughout the day with outbreaks of light rain or drizzle at times. By evening rain will turn heavy feeding in from the north. Very strong winds throughout.

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: Broken or overcast low cloud base 500-700m throughout. Visibility good at low levels but moderate in rain and poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 17 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/39 SW	29/41 SW	26/36 SW	27/37 SW	29/41 SW	28/42 SW	27/41 SW	24/36 SW	22/33 SW
300	18/38 SW	18/38 SW	15/31 SW	16/33 SW	17/36 SW	18/38 SW	18/36 SW	17/34 SW	15/32 SW
Valley	16/35 SW	12/28 SW	15/32 SW	12/28 SW	14/32 SW	15/34 SW	15/33 SW	15/32 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/0	5/-0	5/-1	5/-1	6/0	6/1	6/1	6/1
300	8/4	8/4	7/3	7/3	7/3	8/4	8/4	8/4	8/5
Valley	9/6	9/6	8/5	8/5	9/6	9/6	9/6	9/6	9/6
Freezing Level*	1900m	2000m	1900m	2000m	1900m	1900m	2600m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds, particularly at height, will hamper progress.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 16 Dec 2023	1.6mm	1.6mm	4mm

Forecast for Monday 18 Dec 2023

Weather: Another cloudy day with heavy rain at first, this easing during the morning but light rain persisting into the afternoon. Drier into the evening with skies clearing for a time.

Maximum wind: Southwest 15-20 mph gusting 30-40 mph, easing through the day.

Chance of cloud-free hill tops above 600m: 10-20% improving to 80% during the evening.

Low Cloud and visibility: Broken or overcast low cloud base 500-700m, lowering 400m at times, clearing during the evening to few base 600-800m. Visibility moderate or poor in rain and hill fog, improving to good into the evening.

Temperature:
Valleys: Plus 9 to 12 Celsius
At 600m: Plus 6 to 9 Celsius
Freezing level: Above summits

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